

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030589 A1

(51) International Patent Classification⁷: **B65B 25/00**,
11/56, 59/04

(21) International Application Number:
PCT/IB2004/003097

(22) International Filing Date:
23 September 2004 (23.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
BO2003A000554
25 September 2003 (25.09.2003) IT

(71) Applicant (for all designated States except US): **SACMI
PACKAGING S.P.A.** [IT/IT]; Via Brodolini, 10/A,
I-40026 Imola (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FRABETTI,
Fabio** [IT/IT]; Via A. Testoni, 12, I-40123 Bologna (IT).

BARALDI, Luca [IT/IT]; Via C. Varolio, 5, I-40133
Bologna (IT). **BERGAMI, Giovanni** [IT/IT]; Via Emilia,
103, I-40050 Toscanella Di Dozza (IT).

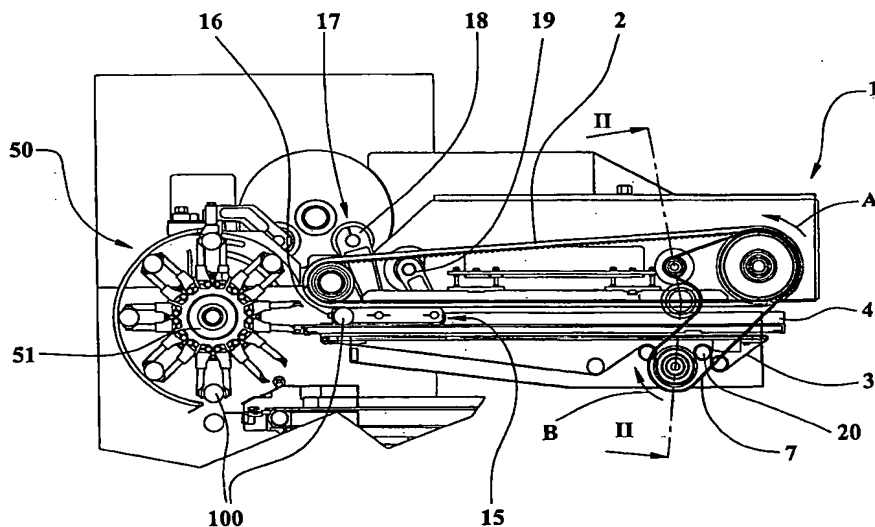
(74) Agent: **AGAZZANI, Giampaolo**; Agazzani & Associati
S.r.l., Via Dell'Angelo Custode 11/6, I-40141 Bologna (IT).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: OUTLET DEVICE FOR CHOCOLATES AND THE LIKE



(57) Abstract: An outlet device for chocolates and the like (100) for a wrapping machine (50), provided at least with moving eans (51) of each product (100), comprises: first belt means (2) to move the products (100) to be rolled and operated by actuating means (10), through first connecting means (5) connecting the belt means (2) to the actuating means (10), according to a first direction (A) of a rotary motion of said actuating means (10); rolling means (4) facing the first belt means (2) and intended to roll the products (100) moved by said first belt means (2); second belt means (3) to move the products (100) which do not require rolling and are operated by actuating means (10) through second connecting means (6) in the second direction (B) of rotation of said actuating means (10).



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.